

URBAN DISTRICT COUNCIL  
OF  
BARNOLDSWICK  
(YORKS.)

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**ANNUAL REPORT**

OF  
T. MacMASTER GLEN  
Medical Officer of Health  
For the Year 1946

SKIPTON :  
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1947



# Urban District of Barnoldswick.

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## Health Committee.

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### THE WHOLE COUNCIL.

Councillor G. DAVY (*Chairman*)

(Resigned, 7th Aug., 1946)

Councillor Mrs. I. E. GLEN (*Chairman*)

(Appointed, 7th Aug., 1946)

## Public Health Department.

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*Medical Officer of Health (part-time) :*

H. C. ALDERTON, M.R.C.S., L.R.C.P. (Lond.)

(Died, July, 1946)

T. M. GLEN, L.R.C.S., L.R.C.P. (Edin.)

(Appointed, 7th Aug., 1946)

*Sanitary Inspector :*

†E. HARGREAVES, A.R.S.I., M.S.I.A.

(Resigned, 28th Feb., 1946)

†J. S. BREWER, M.S.I.A.

(Appointed, 8th April, 1946)

*Staff :*

Assistant : R. HARRISON.

Clerk and Pupil : C. D. DAW

(Resigned, 29th June, 1946)

Pupil : E. W. BROUGHTON

(Appointed, 2nd Sept., 1946)

Clerk : Miss I. DEAN

(Appointed, 8th Aug., 1946)

*Isolation Hospital :*

Nurse M. TOWLER, S.R.N.

*School Nurse (W.R.C.C.)*

Nurse M. BIRDSALL, S.R.N., H.V.

*Midwife (W.R.C.C.)*

Nurse E. BARLOW, C.M.B.

*District Nurse (Local Nursing Association)*

Nurse I. JACKSON, S.R.N., S.C.M. (Queen's)

Nurse M. E. BIRCHENOUGH, S.R.N.

†Qualified Meat Inspector.

Health Department,  
Town Hall,  
Barnoldswick.

Mr. Chairman, Mrs. Glen, and Gentlemen,

I have pleasure in presenting to you my first annual report for the year 1946.

There was an increase in the birth-rate and a slight decrease in the death-rate, as you will observe in referring to the comparative tables enclosed in this report and those of last year. These, however, compare not too favourably with the whole of England and Wales, as the birth-rate for the district is lower and the death-rate higher.

The health of the people of Barnoldswick was generally good, especially of the young people, there being no epidemics of infectious diseases.

In relation to the above, I am pleased to report that there were no cases of Diphtheria, but I must appeal to all parents to take full advantage of the scheme for immunisation against this dreaded disease. This can be obtained from their own doctor, who also will give the necessary instructions, and in my opinion the best birthday gift a child one year old can get is immunisation against Diphtheria and Whooping Cough. If parents prefer, the immunisation can be performed at the Clinic where enquiries should be made.

There is a great shortage of materials for necessary repairs, and what materials are available only a small percentage has been allocated for urgent work, but every effort has been made to carry out very urgent and essential renovations. A small number of corroded water communication pipes have been

replaced, resulting in a greatly improved water supply, but there is still a very urgent need for this problem to be dealt with, so that all houses may have a good, adequate supply of water.

I wish to express my thanks to the Sanitary Inspector and his staff for their most helpful and valuable assistance in this, my first year of office as Medical Officer of Health.

I should like to add that my appointment is only temporary until 1st October, 1947; when the re-distribution of the County into areas comes into force and the new Medical Officer of Health will reside in Skipton.

As successor in office to the late Medical Officer of Health (Dr. H. C. Alderton), who had so faithfully discharged the duties annexed to the appointment for some 47 years, being appointed in 1899, I wish to pay my tribute to his memory, not only as a loyal colleague, but also for the excellent and conscientious services which he so consistently performed for the benefit and well-being of the Townspeople and for their health in particular.

I am,

Your obedient servant,

T. MACMASTER GLEN.

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres) ... ..	2,764
Population ... ..	9,967
Number of Inhabited Houses ... ..	3,414
Number of Empty Houses ... ..	4
Rateable Value ... ..	£61,437 0 0
Sum represented by a Penny Rate (Gross) ...	£255 19 9

### EXTRACTS FROM VITAL STATISTICS FOR THE YEAR 1946.

Live Births :	M.	F.	Total	
Legitimate ...	89	76		Birth-rate per 1,000 of the
Illegitimate ...	4	7		estimated resident pop-
			176	ulation, 17·65.
Still Births :				Rate per 1,000 total Live
Legitimate ...	4	4		and Still Births, 43·47.
Illegitimate ...	—	—	8	
Deaths ... ..	72	75	147	Death-rate per 1,000 of the
				estimated resident pop-
				ulation, 14·74.

Number of Women Dying in, or in consequence of, Childbirth	Nil
Death-rate of Infants under One Year of age :	
Legitimate ... .. 2 Males, 2 Females ...	Total 4
All Infants per 1,000 Live Births ... ..	22·72
Legitimate Infants per 1,000 Legitimate Live Births ...	24·24
Illegitimate Infants per 1,000 Illegitimate Live Births ...	Nil
Deaths from Cancer (all ages) ... ..	23
Deaths from Measles (all ages) ... ..	Nil
Deaths from Whooping Cough (all ages) ... ..	Nil
Deaths from Diarrhoea (under two years of age) ...	Nil

### COMPARATIVE TABLE.

(PROVISIONAL FIGURES BASED ON WEEKLY AND QUARTERLY  
RETURNS.)

RATES PER 1,000 POPULATION :				Barnoldswick	England and Wales.
Live Births ... ..	...	...	...	17·65 ...	19·1
Still Births ... ..	...	...	...	·80 ...	·53
DEATH-RATE PER 1,000 POPULATION :					
All Causes ... ..	...	...	...	14·74 ...	11·5
Typhoid and Paratyphoid ... ..	...	...	...	— ...	0·00
Scarlet Fever ... ..	...	...	...	— ...	0·00
Whooping Cough ... ..	...	...	...	— ...	0·02
Diphtheria ... ..	...	...	...	— ...	0·01
Influenza ... ..	...	...	...	·20 ...	0·15
Smallpox ... ..	...	...	...	— ...	0·00
Measles ... ..	...	...	...	— ...	0·00

## RATES PER 1,000 LIVE BIRTHS :

	Barnoldswick	England and Wales
Deaths under One Year of Age ...	22.72	43.00
Deaths from Diarrhœa and Enteritis		
Under Two Years of Age ...	—	4.4

A dash (—) signifies that there were no deaths.

## CAUSES OF DEATH.

	Males.	Females.
Tuberculosis of Respiratory System ...	1	2
Other forms of Tuberculosis ...	1	—
Influenza ...	2	—
Cancer of Oesophagus and Uterus ...	1	1
Cancer of Stomach and Duodenum ...	2	1
Cancer of Breast ...	—	3
Cancer of Other Sites ...	11	4
Diabetes ...	1	2
Intra-Cranial Vascular Lesions ...	6	12
Heart Diseases ...	27	24
Bronchitis ...	8	3
Pneumonia ...	—	3
Other Respiratory Diseases ...	1	1
Appendicitis ...	—	1
Other Digestive Diseases ...	2	1
Nephritis ...	1	—
Other Maternal Causes ...	—	1
Premature Birth ...	2	2
Suicide ...	1	—
Road Traffic Accidents ...	1	—
Other Violent Causes ...	1	1
All other Causes ...	3	13
	—	—
	72	75
	—	—

## DEATHS OF INFANTS UNDER ONE YEAR OF AGE :

	Males	Females.
Legitimate ...	2	2
Illegitimate ...	—	—
	—	—
	2	2
	—	—



## GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

### LABORATORIES.

Adequate facilities are provided by the West Riding County Council Laboratory, where specimens may be sent for examination.

### AMBULANCE FACILITIES.

The Council has two ambulances for the conveyance of patients to and from Hospital. A female and male attendant accompanies the patient when required. During the year 560 patients were conveyed in the ambulances.

### NURSING IN THE HOME.

There is one whole-time District Nurse and an Assistant Nurse, who are employed by the Barnoldswick Hospital Fund and District Nursing Association.

### TREATMENT CENTRES AND CLINICS.

Facilities are provided by the West Riding County Council. A Child Welfare Clinic is open on a full day each week and an additional half-day each fortnight, when a County Medical Officer and Nurse are in attendance.

### TUBERCULOSIS.

There is a West Riding County Council Dispensary in the town where patients may attend, during certain hours, for examination and consultation. These rooms are absolutely inadequate and antiquated. For many years a suitable building has been advocated to house all the Clinics—Anti-natal, Tuberculosis and Dental. I am pleased to say the County Council are now taking an active interest in this project and I feel sure a scheme will be devised which will be beneficial to the town.

### VENEREAL DISEASES.

Cases may attend for treatment at Burnley Victoria Hospital, Leeds, Bradford and Keighley.

### HOSPITALS.

#### (a) GENERAL.

Cases are treated at Burnley Victoria Hospital, Burnley Municipal Hospital, Leeds General Infirmary and Bradford Royal. The majority of cases attend the first-named hospital.



## (b) INFECTIOUS DISEASES.

The Council has an agreement with the Burnley Joint Hospital Board to receive any cases of smallpox. Other infectious cases are treated at the Council's Isolation Hospital, which has accommodation for 12 patients.

## MATERNITY.

A Maternity Home is provided by the West Riding County Council at Langroyd, Colne. This has been very much appreciated by the mothers who have attended this Home for their confinement.

The Matron (Miss Roberts) and her staff have to be congratulated in their excellent work.

## FACTORIES.

Mechanical and non-mechanical factories on the register :

Cotton Manufacturers	...	...	...	22
Silk Manufacturers	...	...	...	1
Joiners and Undertakers	...	...	...	5
Shoemakers and Repairers	...	...	...	9
Cloggers	...	...	...	3
Blacksmiths	...	...	...	1
Millwrights and Motor Engineers	...	...	...	8
Engineers	...	...	...	2
Corn Millers	...	...	...	1
Printers	...	...	...	2
Scientific Corsetry	...	...	...	1
Cheese Makers	...	...	...	2
Steam Laundries	...	...	...	1
Upholsterers	...	...	...	2
Monumental Masons	...	...	...	1
Saddlers	...	...	...	1
Plumbers	...	...	...	5
Other Premises	...	...	...	2
Total				69

Sixty-eight inspections were made of these premises, and the following table shows the defects found :

DEFECTS :	Found.	Remedied.
Want of Cleanliness	1	1
Overcrowding	—	—
Unreasonable Temperature	—	—
Inadquate Ventilation	—	—
Insufficient Drainage of Floors	—	—

## SANITARY CONVENIENCES :

Insufficient	...	...	—	...	—
Unsuitable or Defective	...	...	8	...	8
Artificial lighting	...	...	2	...	2
Intervening ventilated space	...	...	1	...	—
Not Separate for Sexes	...	...	—	...	—

## SANITARY CIRCUMSTANCES OF THE AREA.

## WATER.

The town's supply of water is from deep wells at White Moor, and moorland springs in the Elslaek area. The water is filtered and chlorinated and the supply is sufficient for a much larger area than it at present serves. The high level districts of the town are served from White Moor and the low level from Elslaek, through the storage reservoir at Park Hill.

The capacities of the Reservoirs are :

Elslaek Impounding Reservoir	...	...	51,000,000	gallons.
Park Hill Service Reservoir	...	...	1,000,000	„
White Moor	...	...	400,000	„
The volume of water supplied during the year				
was	...	...	158,660,000	„
The Average Consumption per head per day	...	...	36·3	„
The total Length of Mains in use are	...	...	25 miles, 931	yds.
The Number of houses on constant direct				
supply is	...	...		3,380
The number of houses on private supply (farms)	...	...		34
Total				3,414

Twenty-four samples of water were sent to the Laboratory for examination and the following were the results :

### WHITE MOOR RESERVOIR.

No.	Bacterial Count 3 days @ 22°C.	Bacterial Count 2 days @ 37°C.	Presumptive B. Coli.	pH Value.	Free Chlorine pts./million	Result
<b>Filtered :</b>						
K/A 15	2	Nil	Nil per 100ml.	7·1	0·04	Satisfactory
K/A 16	1	1	do.	7·1	Nil	Satisfactory
K/A 17	Nil	Nil	do.	7·0	0·03	Satisfactory
K/A 28	Nil	4	do.	7·1	Nil	Satisfactory
K/A 29	108	30	do.	7·1	Nil	Satisfactory
<b>Unfiltered :</b>						
K/A 27	210	20	1 per 100ml.	7·1	Nil	Unsatisfactory

## SUMMARY.

## FILTERED WATER :

Satisfactory	...	...	...	5
Unsatisfactory	...	...	...	Nil

## UNFILTERED WATER :

Satisfactory	...	...	...	Nil
Unsatisfactory	...	...	...	1

The Bacteriologist's Reports on the samples were as follows :

K/A 15, 16, 17, 28 and 29.—These samples of water are highly satisfactory.

K/A 27.—This sample contains 1 B. Coli (of Irregular Type 1) per 100 ml. Result of filtered water shows a great improvement effected by treatment.

## ELSLACK RESERVOIR.

No.	Bacterial Count 3 days @ 22°C.	Bacterial Count 2 days @ 37°C.	Presumptive B. Coli.	pH Value	Free Chlorine pts/million	Result
<b>Filtered :</b>						
K/A 11	350	Nil	Nil per 100 ml.	7·0	Nil	Satisfactory
K/A 12	900	Nil	do.	6·8	Nil	Satisfactory
K/A 13	1,800	Nil	do.	7·0	Nil	Satisfactory
K/A 14	6,000	Nil	do.	7·5	0·01p.	Satisfactory
K/A 24	480	3	do.	7·5	Nil	Satisfactory
K/A 25	120	3	do.	9·5	Nil	Satisfactory
<b>Unfiltered :</b>						
K/A 10	3600	Nil	8 per 100 ml.	6·9	Nil	Unsatisfactory
K/A 26	600	30	5 per 100 ml.	7·1	Nil	Unsatisfactory

## SUMMARY.

## FILTERED WATER :

Satisfactory	...	...	...	6
Unsatisfactory	...	...	...	Nil

## UNFILTERED WATER :

Satisfactory	...	...	...	Nil
Unsatisfactory	...	...	...	2

The Bacteriologist's Reports on the samples were as follows :

K/A 11, 12 and 13.—These samples, though free from B. Coli, have a high plate count at 22° C. This would no doubt improve if the filters were more frequently sterilised. The samples are otherwise highly satisfactory.

K/A 14, 24 and 25.—These samples of water are highly satisfactory.

K/A 10.—The B. Coli in this sample is of Type 2, and is probably not primarily intestinal in origin.

K/A 26.—This sample contains 5 B. Coli (of Irregular Type 1) per 100 ml. Results for filtered water show the great improvement effected by treatment.

(Signed) R. MALLINDER.

**SAMPLE FROM A PRIVATE SUPPLY.**

No.	Bacterial Count 3 days @ 22°C.	Bacterial Count 2 days @ 37°C.	Presumptive B. Coli.
K/A 45	1,200	360	25 per 100 ml.
K/A 46	1,600 plus mould	150 plus mould	180 plus per 100 ml.
K/A 47	900	600	50 per 100 ml.
K/A 50—Total number of micro-organisms per ml.			
	growing on Agar = 22°C. 3 days	...	4,500
Total number of micro-organisms per ml.			
	growing on Agar = 37°C. 2 days	...	70
	Presumptive B. Coli	... ..	50 per 100 ml.
	Cl. Welchii	... ..	Absent in 50 ml.

**SUMMARY.**

K/A 45 Cl. Welchii was present in 10 ml. in all samples. These samples  
46 and are all in poor condition, giving high plate counts and many  
47 B. Coli organisms ; in each sample the B. Coli are of Irregular  
Type 1, usually taken to be of faecal origin.

Each sample also contains Cl. Welchii in 10 ml., a further unsatisfactory feature.

Judged on the above results, I am of the opinion that these three samples are all unsafe for human consumption.

K/A 50 Judged on the above results, this sample is unsatisfactory for human consumption ; the B. Coli are of Faecal Type 1, usually indicative of intestinal matter. It is probable that surface water is entering the supply.

(Signed) R. MALLINDER.

**PLUMBO-SOLVENCY.**

Supply.	Date.	Approx. length of Lead Service Pipe.	Result of Examination.	
			pH Value.	Lead content (grains per gallon)
Barnoldswick U.D.C.				
Elslack Supply :				
After standing in pipe for measured period of half an hour	11-3-46	30 feet	7.0	Nil
After standing in pipe all night			7.0	„

**Barnoldswick U.D.C.****Elslack Supply :**

After standing in pipe for measured period of half an hour	30-8-46	30 feet	6.9	Less than 1/36th
After standing in pipe all night			6.9	Less than 1/18th

## CHEMICAL ANALYSIS.

## SAMPLE MARKED "WHITE MOOR RESERVOIR."

## Unfiltered Water "B."

Total Solids	...	...	9.44	pts per 100,000
Mineral Matter	...	...	8.24	"
Chlorine	...	...	1.3	"
Free Ammonia	...	...	Nil.	"
Albuminoid Ammonia	...	...	0.0076	"
Oxygen absorbed in 4 hrs. at				
80 Degrees F.	...	...	0.090	"
Nitrous Nitrogen	...	...	Nil.	
Nitric Nitrogen	...	...	0.030	"
Temporary Hardness	...	...	1.0	Degrees.
Total Hardness	...	...	5.0	"
Permanent Hardness	...	...	4.0	"
Lead present	...	...	0.024	pts. per 100,000
Lead dissolved in 24 hrs.	...	...	0.012	"
pH Value	...	...	7.1	
Appearance	...	...	Clear and colourless.	

## SAMPLE MARKED "ELSLACK RESERVOIR."

## Unfiltered Water "A."

Total Solids	...	...	14.56	pts. per 100,000
Mineral Matter	...	...	13.16	"
Chlorine	...	...	1.5	"
Free Ammonia	...	...	Nil.	"
Albuminoid Ammonia	...	...	0.0096	"
Oxygen absorbed in 4 hrs. at				
80 Degrees F.	...	...	0.012	"
Nitrous Nitrogen	...	...	Nil.	
Nitric Nitrogen	...	...	0.030	"
Temporary Hardness	...	...	7.4	Degrees
Total Hardness	...	...	7.4	"
Permanent Hardness	...	...	Nil.	"
Lead Present	...	...	0.012	pts. per 100,000
Lead dissolved in 24 hrs.	...	...	0.032	"
pH Value	...	...	6.7	
Appearance	...	...	Fairly Yellow—Slightly Turbid.	

(Signed) R. MALLINDER.

## METEOROLOGICAL RETURNS.

RECORDED AT THE MODERN SCHOOL, KELBROOK RD., BARNOLDSWICK.

	Months.				No. of Days with rain recorded.		Rainfall in Inches.
January	...	...	...	...	20	...	5.68
February	...	...	...	...	18	...	6.27
March	...	...	...	...	12	...	1.27
April	...	...	...	...	12	...	1.38
May	...	...	...	...	10	...	1.35
June	...	...	...	...	20	...	3.68
July	...	...	...	...	19	...	4.02





The following Report is furnished by the Sanitary Inspector under the Sanitary Officers' Outside (London) Regulations, 1935 :

## SANITARY INSPECTION OF THE AREA.

Cowsheds, Dairies and Milkshops	...	...	...	...	134
Bakehouses	...	...	...	...	59
Other premises where Food is prepared or sold	...	...	...	...	9
Ice-cream Premises	...	...	...	...	2
Offensive Trades	...	...	...	...	6
Milk Samples	...	...	...	...	135
Factories—Mechanical and Non-mechanical	...	...	...	...	68
Common Lodging-houses	...	...	...	...	23
Shops Act	...	...	...	...	4
Alleged Dirty and Verminous Houses	...	...	...	...	4
Infectious Diseases Investigations	...	...	...	...	15

### Water Samples :

Town's Supply :	Bacteriological	...	...	14
	Chemical	...	...	2
	Plumbo Solvency	...	...	4
Private Supply :	Bacteriological	...	...	4
				—

Drains Inspected and Tested	...	...	...	...	89
Council Tips and Salvage Shed	...	...	...	...	91
Smoke Observations	...	...	...	...	131
Isolation Hospital	...	...	...	...	64
Rats and Mice Destruction	...	...	...	...	2154
Schools	...	...	...	...	5
Dwellinghouses :	Public Health Acts (including re-visits)	...	...	...	653
	Housing Acts (including re-visits)	...	...	...	71

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3,741

Interviews on various Premises with Owners, Agents and					
Contractors	...	...	...	...	274
Complaints received	...	...	...	...	136
Informal Notices under the Public Health Acts	...	...	...	...	70
Informal Notices complied with	...	...	...	...	43
Houses rendered fit without service of informal notice	...	...	...	...	68

### Statutory Notices :

	Number Served.	Number Outstanding 1945	Number Complied with 1946
Housing Act :			
Section 9	3	7	4
Public Health Act :			
1936 :			
Section 93	2	14	13
Section 75	1	Nil	1
Section 50	Nil	1	1



Nuisances found in 1946	...	...	...	...	...	275
Nuisances in hand at the end of 1945	...	...	...	...	...	163
Total needing Abatement	...	...	...	...	...	438
Total Abated during 1946	...	...	...	...	...	365
Total Outstanding at the end of 1946	...	...	...	...	...	73

## WORK CARRIED OUT UNDER THE SUPERVISION OF THE DEPARTMENT.

Waste Water-Closets converted to Fresh Water-Closets	...	...	...	...	...	34
Pail Closets converted to Fresh Water-Closets	...	...	...	...	...	1
Additional Fresh Water Closets	...	...	...	...	...	25
Trough Closets reconstructed and provided with separate flush	...	...	...	...	...	6
Urinals reconstructed and provided with Flush Pipes	...	...	...	...	...	2
Bath Waste-water Drains provided	...	...	...	...	...	2
Drains re-constructed	...	...	...	...	...	37
Pails provided	...	...	...	...	...	4
Defective and choked Drains released and repaired	...	...	...	...	...	52
Closet Walls, Floors, Roofs, Seats and Doors made good	...	...	...	...	...	9
Water-Closet Pedestals, Flush Pipes, Cisterns and Connections made good	...	...	...	...	...	10
Waste Water-Closet Tippers repaired	...	...	...	...	...	5
Sinks renewed	...	...	...	...	...	1
Bath and Sink Waste Pipes repaired or renewed	...	...	...	...	...	5
Rainwater Pipes and Eaves Troughings repaired or renewed...	...	...	...	...	...	29
Defective Dust-bins replaced	...	...	...	...	...	12
Dust-bins provided in lieu of Ashpits	...	...	...	...	...	1
Doors repaired or renewed and thresholds and weather boards provided	...	...	...	...	...	3
Floors repaired or renewed	...	...	...	...	...	9
Septic Tanks made good	...	...	...	...	...	1
Walls and Ceilings plastered	...	...	...	...	...	22
House Roofs repaired	...	...	...	...	...	14
Outbuildings repaired and re-roofed	...	...	...	...	...	12
Windows repaired and reveals pointed	...	...	...	...	...	18
New Windows provided	...	...	...	...	...	6
Yards and Passages re-laid or repaired	...	...	...	...	...	11
New Fire Ranges fixed	...	...	...	...	...	3
Fire Ranges repaired and Fire-backs re-set	...	...	...	...	...	4
Verminous and filthy Houses cleansed	...	...	...	...	...	4
External Walls pointed or rendered in cement	...	...	...	...	...	17
Burst Water Pipes repaired	...	...	...	...	...	8
New Water Services	...	...	...	...	...	3
Artificial Lighting provided in factory conveniences...	...	...	...	...	...	1
Miscellaneous Defects made good	...	...	...	...	...	29

## PUBLIC CLEANSING.

The cleansing work is under the supervision of the Sanitary Inspector, and includes the collection and disposal of domestic and trade refuse, and the cleansing of streets.

Controlled tipping was completed on the land situated off Skipton Road in February, 1946, when the alternative tip situated at Gill Brow was brought into use. As proposed last year, a 7 cubic yard side-loading refuse collection vehicle was purchased for the work of collection to the new tip and has proved very satisfactory in regard to collection, etc. Taking into consideration the increased labour charges and the higher cost of running the motor vehicle, the cost per ton of 8s. 6·76d. compares very favourably with last year's 8s. 10·73d. per ton.

There are 10 men engaged on scavenging and cleansing duties, and taking into account the labour difficulties, there not always being full staff, a very good standard of collection was maintained.

The cleansing work was carried out with street orderlies, and the street gullies were emptied sufficiently often to prevent nuisances from overflowing gullies.

The following table shows the quantity of waste and dormant materials salvaged and sold :

	Tons.	Cwts.	Qrs.	Lbs.	£	s.	d.
Waste Paper ...	88	14	0	0	585	3	9
Ferrous Scrap ...	3	14	2	0	11	19	0
Non-ferrous Scrap		5	1	0	8	3	5
Textiles ...		14	0	0	8	8	0
Bones ...	2	12	1	0	12	4	2
Twine ...		3	0	0	0	17	5
Kitchen Waste ...	175	12	1	0	50	0	0
	<u>271</u>	<u>15</u>	<u>1</u>	<u>0</u>	<u>£676</u>	<u>15</u>	<u>9</u>

### WEIGHTS PER 1,000 POPULATION.

Population estimated.	Paper (Tons).	Kitchen Waste (Tons).	Bones (Cwts.).	Ferrous Scrap (Tons).	Non-ferrous Scrap (Lbs.).
10,000	8·87	17·56	5·2	·37	·501

## COST OF PUBLIC CLEANSING.

### Collection of Trade and Domestic Refuse.

Total Loads removed : Motor, 887 ; Horse, 502.

Cost :	£	s.	d.
Wages, Provender, Repairs, Replacements, etc.	1734	11	6
Average Cost per Ton ...	10	8	8

### Disposal of Refuse.

	£	s.	d.
Total Cost ...	526	1	5
Average Cost per Ton ...	0	3	3·06



Four hundred and eighty-four sewer manholes were baited and the following were the results :

Number of Pre-baits	...	...	...	968
„ Poison Baits	...	...	...	438
Total Cost :	£26 8s. 1d.			

### COMMON LODGINGHOUSES.

There are three Common Lodginghouses and the Keepers of the premises are licensed annually.

Twenty-three inspections were made to these premises and all three were found to be satisfactory.

### TENTS, VANS AND SHEDS.

There is one wooden erection used as a dwelling. There was no reason for complaint in relation to sanitary accommodation, water supply and overcrowding.

### OFFENSIVE TRADES.

There is one tripe boiler and one rag and bone dealer on the register and on inspection the premises were found to be in a satisfactory condition.

### SHOPS ACT.

The Department is responsible for the supervision of shops in relation to the provision of suitable and sufficient ventilation, temperature and sanitary conveniences.

### SMOKE ABATEMENT.

Number of Chimneys	...	...	...	14
Number of Observations of 30 minutes duration	...	...	...	131
Minutes of Black Smoke	...	...	...	29
Average Time of Black Smoke emitted per observation	...	...	...	0.229
Average Time of Smoke Emitted per observation	...	...	...	7.267

On 3 occasions black smoke was emitted in excess of three minutes allowable in the Council's by-laws. The main cause of the nuisance was found to be due to the inferior quality of the coal. The Manager and Engineers of the firms were interviewed and no further action was necessary as it was found, on further observation, that conditions had improved.

## DISINFECTION.

The disinfection of bedding and clothing from cases of infectious diseases is carried out at the Isolation Hospital, and a "Velox" steam disinfector is installed for the purpose. The rooms where patients have been isolated are disinfected with formalin.

The articles and rooms disinfected were as follows :

Rooms	...	...	...	...	...	16
Beds	...	...	...	...	...	5
Bolsters	...	...	...	...	...	2
Pillows	...	...	...	...	...	8
Quilts	...	...	...	...	...	6
Blankets	...	...	...	...	...	6
Sheets	...	...	...	...	...	5
Suits of Clothes	...	...	...	...	...	4
Sundries	...	...	...	...	...	19

Bedding disinfected after use by evacuees and war-workers :

Blankets	...	...	...	...	...	259
Sheets	...	...	...	...	...	109
Pillows	...	...	...	...	...	131
Pillow Cases	...	...	...	...	...	52
Mattresses	...	...	...	...	...	36

## FILTHY AND VERMINOUS PREMISES.

Eight visits were made to four verminous houses. Vermicine insecticide was applied with a fine spray to destroy the bed bug. The furniture, walls, floors and ceilings were sprayed twice within a fortnight,. This method of treatment proved successful.

## SCHOOLS.

There are five elementary schools in the area, and the medical inspection of schoolchildren is under the supervision of the West Riding County Council.

Five inspections were made and the sanitary conveniences were kept in a satisfactory condition.

## INSPECTION AND SUPERVISION OF FOOD.

### MILK SUPPLY.

#### COWSHEDS, DAIRIES AND MILKSHOPS.

No. of Cowkeepers and Wholesalers	...	...	...	...	18
„ Wholesalers and Purveyors	...	...	...	...	2
„ Cowkeepers and Purveyors	...	...	...	...	11
„ Purveyors (only)	...	...	...	...	5



No. of Purveyors coming from outside the Urban Area	...	...	...	...	...	3
„ Milkshops	...	...	...	...	...	6
„ Licences under the Milk (Special Designations) Regulations, 1941. Pasteurised (High Temperature short time process)						1
„ Licensed Producers of "Accereditd Milk"...						5

The following additions and alterations were carried out on milk-producing farms :

Dairies repaired	...	...	...	...	...	1
New Septic Tank constructed			...	...	...	1

One hundred and thirty-four inspections were made of milk-producing farms and dairies. The general standard of cleanliness of the cowsheds, dairies and cattle was good.

There is a dairy in the district which receives milk from the farms in the surrounding area. During the year approximately 3,063,594 gallons of milk were received. Approximately 2,500,750 gallons were brine cooled or pasteurised, and sent to Leeds, Bradford, Barnsley and Dewsbury. Cheese was made from the remainder of the milk. Fourteen samples were taken for keeping quality and effective pasteurisation, which all proved to be satisfactory.

One hundred and thirty-five samples of milk were obtained for bacteriological examination. The test as applied for "Accereditd" milk was used as a standard for raw milk. To fulfil the requirements of the test, samples should not decolourise Methylene Blue at the end of 4½ hours if they are taken between the 1st May and 31st October, or at the end of 5½ hours if they are taken between the 1st November and 30th April.

#### RAW MILK.

##### Produced in the District :

Number of Samples	...	...	...	...	76
Number satisfying Methylene Blue Test				...	60
Number not satisfying Test		...	...	...	16

##### Produced Outside the Area :

Number of Samples	...	...	...	...	17
Number satisfying Methylene Blue Test				...	12
Number not satisfying Test		...	...	...	5

#### PASTEURISED MILK.

##### Treated at the Local Dairy :

Number of Samples	...	...	...	...	14
Samples satisfying Methylene Blue Test				...	7
Samples satisfying Phosphatase Test		...		...	7

**From Outside the Srea :**

Number of Samples	...	...	...	...	28
Samples satisfying Methylene Blue Test...	...	...	...	...	14
Samples satisfying Phosphatase Test	...	...	...	...	14

**MILK (SPECIAL DESIGNATIONS) REGULATIONS, 1936—1942.****SAMPLES TAKEN BY OFFICERS OF THE WEST RIDING  
COUNTY COUNCIL.****“Accredited” Milk :**

Number Taken.	Number satisfactory.
6	5

**MEAT AND OTHER FOODS.**

No. of Private Slaughterhouses (Unoccupied)	...	5
„ Butchers’ Shops	...	18
Premises used for the preparation of sausages, potted, pressed, pickled or preserved foods (excluding butchers’ shops)	...	9
Manufacture and Sale of Ice-cream	...	2

The slaughtering of animals, for human consumption, was carried out at the Skipton Urban District Council’s Abbatoir. Nine visits were made to food premises and there was no action taken, as the premises were clean and in a satisfactory condition.

Two visits were made to premises where ice-cream was manufactured and sold, and there was no action taken, as the premises were clean and in a satisfactory condition.

**BAKEHOUSES.**

The number of Bakehouses on the register is 22. Fifty-nine visits were made to these premises and on each occasion they were found in a clean and satisfactory condition.

**PREVALENCE OF AND CONTROL OVER INFECTIOUS  
AND OTHER DISEASES.****SCARLET FEVER.**

Four cases of this disease were notified, and all of these cases were removed to the Council’s Isolation Hospital.



## DIPHTHERIA.

There were no cases of Diphtheria reported.

The number of children who completed a full course of immunisation during the year was :

Age under 5 years	...	...	...	...	74
Age 5 years and over, but under 15	...	...	...	...	42

The estimated percentage of the child population immunised was :

Under 5 years of age	...	...	...	...	10.81%
5—15 years of age	...	...	...	...	4.15%

## MEASLES AND WHOOPING COUGH.

Four cases of measles and 5 cases of whooping cough were notified. This is a considerable decrease from last year, when 150 cases of measles and 34 cases of whooping cough were notified.

## SCABIES.

Accommodation is provided at the Council's Isolation Hospital for the treatment of Scabies. Treatment is carried out in accordance with the recommendation of the Ministry of Health.

Seven cases were treated with Emulsion of Benzyl Benzoate with very successful results.

## NOTIFIABLE DISEASES DURING THE YEAR (OTHER THAN TUBERCULOSIS).

	AGES.												Total Notified	Removal to Hospital	Total Deaths
	Under 1	1 2	2 3	3 4	4 5	5 10	10 15	15 20	20 35	35 45	45 65	65 75			
Scarlet Fever ...						2	2						4	4	—
Diphtheria ...													—	—	—
Enteric Fever ...													—	—	—
Small Pox ...													—	—	—
Puerperal Pyrexia ...													—	—	—
Pneumonia ...				1	1	2	3		1	1	3		12	—	7
Erysipelas ...										1	3	4	8	—	—
Ophthalmia ...													—	—	—
Neonatorum													—	—	—
Acute Poliomyelitis													—	—	—
Whooping Cough ...			3	2									5	—	—
Measles ...		1			2	1							4	—	—
Cerebro Spinal Fever													—	—	—
Dysentery ...							1						1	—	—

## PREVENTION OF BLINDNESS.

No action was taken under the provisions of Section 176 Public Health Act, 1936, for the prevention of blindness or the treatment of persons suffering from any disease or injury to the eyes. Cases of ophthalmia neonatorum are notified to the West Riding County Council Medical Officer.

## TUBERCULOSIS.

It was not necessary to take any action under the provisions of the Public Health (Prevention of Tuberculosis) Regulations, 1925, relating to removing persons employed in the milk trade, or the compulsory removal of persons suffering from the disease.

Phthisis rate per 1,000 population was .20, compared with .39 last year.

			NEW CASES.				DEATHS			
			Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
			M.	F.	M.	F.	M.	F.	M.	F.
0	...	...								
1	...	...								
5	...	...								
15	...	...	2	1		1				
25	...	...	1	1	1					
35	...	...	1					1		
45	...	...	2		1			1		
55 and Upwards										
Totals	...		6	2	2	1		2		

## CANCER.

Patients suffering from cancer may receive treatment at the Burnley Victoria Hospital or the Leeds General Infirmary.

There were 23 deaths occurring at the following ages :

					M.	F.
25—35	...	...	...	...	—	—
35—45	...	...	...	...	1	—
45—55	...	...	...	...	—	1
55—65	...	...	...	...	1	4
65 and upwards	...	...	...	...	11	5







